Exercise 2: Creating dbSpaces

Create a new dbspace for data called **dbspace1** using the steps we used to create dbspace. I'll create this dbspace with 1 4GB chunk, feel free to create a smaller or larger dbspace depending on the amount of storage you need/have available. We will use the default page size of 2K, even though different sizes ranging from 2K to 16K are available.

```
informix> touch /home/informix/chunks1/DATADBS01.02
informix> chmod 660 /home/informix/chunks1/DATADBS01.02
informix> onspaces -c -d dbspace1 -p /home/informix/chunks1/DATADBS01.01 -o 0
-s 8194304

onspaces -a -d dbspace1 -p /home/informix/chunks1/DATADBS01.02 -o 0 -s
8194304

Verifying physical disk space, please wait ...
Space successfully added.

** WARNING **  A level 0 archive of Root DBSpace will need to be done.
```

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

```
informix> onstat -d
```

```
informix> touch /home/informix/chunks/DATADBS02.01
informix> chmod 660 /home/informix/chunks/DATADBS02.01
informix> onspaces -c -d dbspace2 -p /home/informix/chunks/DATADBS02.01 -o 0 -
s 8194304
Verifying physical disk space, please wait ...
Space successfully added.

** WARNING **  A level 0 archive of Root DBSpace will need to be done.
```

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

```
informix> onstat -d
```

```
informix> touch /home/informix/chunks/DATADBS03.01
informix> chmod 660 /home/informix/chunks/DATADBS03.01
informix> onspaces -c -d dbspace3 -p /home/informix/chunks/DATADBS03.01 -o 0 -
s 4194304
```

```
Verifying physical disk space, please wait ...
Space successfully added.

** WARNING **  A level 0 archive of Root DBSpace will need to be done.
```

Take a Level 0 backup like we're asked to and verify the dbspace was added by
running onstat -d

```
informix> onstat -d
```

```
informix> touch /home/informix/chunks/DATADBS04.01
informix> chmod 660 /home/informix/chunks/DATADBS04.01
informix> onspaces -c -d dbspace4 -p /home/informix/chunks/DATADBS04.01 -o 0 -
s 4194304
Verifying physical disk space, please wait ...
Space successfully added.

** WARNING **  A level 0 archive of Root DBSpace will need to be done.
```

Take a Level 0 backup like we're asked to and verify the dbspace was added by
running onstat -d

```
informix> onstat -d
```

```
informix> touch /home/informix/chunks/TEMPDBS01.01
informix> chmod 660 /home/informix/chunks/TEMPDBS01.01
informix> onspaces -c -d tempdbs1 -p /home/informix/chunks/TEMPDBS01.01 -o 0 -
s 4194304
Verifying physical disk space, please wait ...
Space successfully added.

** WARNING **  A level 0 archive of Root DBSpace will need to be done.
```

Take a Level 0 backup like we're asked to and verify the dbspace was added by
running onstat -d

```
informix> onstat -d
```

```
informix> touch /home/informix/chunks/TEMPDBS02.01
informix> chmod 660 /home/informix/chunks/TEMPDBS02.01
informix> onspaces -c -d tempdbs2 -p /home/informix/chunks/TEMPDBS02.01 -o 0 -
s 4194304
Verifying physical disk space, please wait ...
Space successfully added.
```

** WARNING ** A level 0 archive of Root DBSpace will need to be done.

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

informix> onstat -d

```
informix> touch /home/informix/chunks/DATADBS05.01
informix> chmod 660 /home/informix/chunks/DATADBS05.01
informix> onspaces -c -d dbspace5 -p /home/informix/chunks/DATADBS05.01 -o 0 -s 4194304
Verifying physical disk space, please wait ...
Space successfully added.

** WARNING **  A level 0 archive of Root DBSpace will need to be done.
```

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

informix> onstat -d